

Title (en)
DEVICE FOR INJECTING FLUID INTO A LIQUID, METHOD FOR CLEANING SAID DEVICE, AND EFFLUENT TREATMENT INSTALLATION

Title (de)
VORRICHTUNG ZUM EINSPRITZEN VON FLÜSSIGKEIT IN EINE FLÜSSIGKEIT, VERFAHREN ZUR REINIGUNG DIESER VORRICHTUNG UND ABWASSERBEHANDLUNGSANLAGE

Title (fr)
DISPOSITIF D'INJECTION DE FLUIDE DANS UN LIQUIDE, PROCÉDÉ DE NETTOYAGE DUDIT DISPOSITIF ET INSTALLATION DE TRAITEMENT D'EFFLUENT

Publication
EP 3894060 A2 20211020 (FR)

Application
EP 19816724 A 20191211

Priority
• FR 1872757 A 20181212
• EP 2019084570 W 20191211

Abstract (en)
[origin: WO2020120536A2] The invention relates to a device (2) for injecting a secondary fluid (F) into a main liquid (L), comprising: - a first part (21) able to convey a secondary fluid (F) in a substantially longitudinal direction (Z); - a second part (22) able to eject the secondary fluid (F) from the device, so as to inject said secondary fluid into a main liquid (L), said second part being in fluidic connection with the first part (21) and comprising an open end (22a); the device comprising at least a first position (Z1), referred to as the low position, and a second position (Z2), referred to as the high position, and further comprising a positioning means (24) able to position the device in a position comprised between the first position (Z1) and the second position (Z2).

IPC 8 full level
B01F 3/04 (2006.01); **B01F 3/08** (2006.01); **B01F 5/02** (2006.01); **B01F 15/00** (2006.01)

CPC (source: CN EP US)
B01F 23/232 (2022.01 - CN EP US); **B01F 23/451** (2022.01 - EP US); **B01F 25/212** (2022.01 - EP); **B01F 25/305** (2022.01 - CN EP US); **B01F 35/13** (2022.01 - US); **B01F 35/1453** (2022.01 - EP); **B01F 35/2113** (2022.01 - EP US); **C02F 1/72** (2013.01 - CN); **C02F 1/722** (2013.01 - CN); **C02F 1/727** (2013.01 - CN); **C02F 1/74** (2013.01 - CN); **C02F 1/76** (2013.01 - CN); **C02F 1/78** (2013.01 - CN); **C02F 3/1263** (2013.01 - CN); **C02F 3/1268** (2013.01 - CN); **C02F 3/1284** (2013.01 - US); **C02F 7/00** (2013.01 - CN); **B01F 2101/305** (2022.01 - US); **C02F 2303/14** (2013.01 - US); **Y02W 10/10** (2015.05 - EP)

Citation (search report)
See references of WO 2020120536A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020120536 A2 20200618; **WO 2020120536 A3 20201029**; CN 113302161 A 20210824; CN 113302161 B 20240109; EP 3894060 A2 20211020; EP 3894060 B1 20230607; FR 3089822 A1 20200619; FR 3089822 B1 20220114; US 2022080371 A1 20220317

DOCDB simple family (application)
EP 2019084570 W 20191211; CN 201980087401 A 20191211; EP 19816724 A 20191211; FR 1872757 A 20181212; US 201917413931 A 20191211